



Joint Service Fixed Site Decontamination Program



Advance Planning Briefing for Industry

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Joint Service Fixed Site Decontamination Program



Overview

Program Definition

Program Focus

Future Plans

Contract Opportunities

Summary / Challenge to Industry





Joint Service Fixed Site Decontamination Program



Program Definition

Provide the Services with a capability to decontaminate personnel & equipment operating in and around fixed sites, ports of entry, airfields, logistics support bases, and key command and control centers which have been exposed to the damaging effects of Nuclear, Biological, or Chemical warfare agents/contaminants.





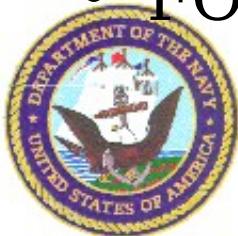
Joint Service Fixed Site Decontamination Program



Program

Overview

- Joint program between the U.S. Marine Corps, U.S. Army, U.S. Air Force, and U.S. Navy
- Marine Corps is the Lead Service and Milestone Decision Authority (MDA)
- Three Overlapping Segments(Blocks) in Acquisition
- IOC FY04
- FOC FY06





Joint Service Fixed Site Decontamination Program



Program Overview

- Current Decontaminants are corrosive & caustic
- Current Decontaminants require large amounts of water
- Current Decontaminants cannot be used on avionics, electronics and communications equipment

• Cargo Handling presents unique problems

- Fixed Sites encompass large areas with equipment, facilities, and people





Joint Service Fixed Site Decontamination Program



Program Overview

- Neutralize NBC/TIMs within 15 Minutes
- Suitable for skin/open wound
- Useable on any surface
- No adverse affects on systems
- Environmentally friendly
- No condensing or reforming





Joint Service Fixed Site Decontamination Program



Program Overview

Block I - Decontaminants
(FY99 - FY02)

Block II - Applicator Systems
(FY99 - FY04)

Block III - Medical / Skin Decontaminants &
Applicator Systems
(FY99 - FY06)





Joint Service Fixed Site Decontamination Program



Program

Overview

Decon Technologies Analysis Summary

- 12 Month Study on 21 Existing and Emerging Technologies
- 4 Government Agencies
- 3 Major Divisions (Area, Equipment, Personnel)
- 1400 Assessments
- Results - 8 Decon Candidates currently being tested
 1. BX-24
 2. GD-5
 3. CASCAD
 4. Enzymes
 5. Ecasol
 6. DOE, LLNL
 7. Sandia Foam
 8. German





Joint Service Fixed Site Decontamination Program



Program Overview

Block I (Decontaminants)

Sources Sought	May 99
Characterization Studies	Jun 99 - Sep 99
99	
Down Select of Decontaminants	Sep 99
EMD - Decontaminants	Dec
99-May 01	
Operational Tests	
3rd Qtr 01	
Production Procurement	FY 02





Joint Service Fixed Site Decontamination Program



Program Overview

Block II (Applicator Systems)

Review Analysis of Alternatives

2nd Qtr FY00

Applicators

Delivery Systems

Prototype Test/Review

FY01- FY03

EMD- Applicator Systems

(Vehicle, Equipment, Large Areas)

Operational Tests

Production Procurement

Qtr FY03

3rd





Joint Service Fixed Site Decontamination Program



Program Overview

Block III (Medical / Skin Decon & Applicators)

- Requirements Analysis Update (AOA) FY02
- RFP to Industry 3rd
Qtr FY02
- EMD- Medical / Skin Decon & Applicators FY02-
FY04
 - FDA, OTSG Approvals
- Development Tests FY04
- Operational Tests FY05
- Production Procurement FY06





Joint Service Fixed Site Decontamination Program



Program Focus

Near Term: Immediate Replacement for DS2 with environmentally friendly Decontaminant

Long Term : Develop Family of Decontaminant Technologies and Applicator System(s)





Joint Service Fixed Site Decontamination Program

Future Plans

Transition to Production

- Decontaminants

- Applicators

- Decons (Med/App)

IOC Production

Production

Production

Contract
Opportunities





Joint Service Fixed Site Decontamination Program



Contract Opportunities

Mature Decon Technologies - May 99
Engineering Development Possibilities

		Range (\$)
Decon	FY00	1m - 2m
Applicators	FY00	1m - 2m
Med/Skin	FY02	2m - 5m

Production Procurement

Decon	FY02-FY04	3m - 12m
Applicators	FY04-FY06	3m - 12m
Med/Skin	FY06-FY08	4m - 15m





Joint Service Fixed Site

Decontamination Program

SUMMARY: Current Acquisition Strategy Will Field Mature Decontaminant in FY02 - Block I

ORD Requires

IOC - FY04

FOC - FY06

Urgent Requirements for Rapid Development & Procurement

All Technologies Will Be Considered

